

19990503.qrp v01_n446.qrl.990503

Date: Mon, 3 May 1999 19:05:12 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1446

QRP-L Digest 1446

Topics covered in this issue include:

- 1) [39465] It Gets Better - 365,000 Miles to the Watt
by Larry Cahoon <wd3p@juno.com>
- 2) [39466] Threats and postings related to same on QRP-L
by Chuck Adams <adams@ticnet.com>
- 3) [39467] TFR Dual Paddle
by Bob Edwards <w4ed@flash.net>
- 4) [39468] Re: Regen receivers
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 5) [39469] Re: [39424] Antenna rotator
by Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
- 6) [39470] Variable Bandwidth Filter for NC20?
by "Dave Fifield" <fifield@pacbell.net>
- 7) [39471] Re: NA5N Mail; WA8MCQ Threat to Resign
by Jess Gypin <jessqrp@concentric.net>
- 8) [39472] Radio Stuff for Sale
by malman@world.std.com (Joel Malman)
- 9) [39473] OHR-500 mods
by "Toru Kato" <jg1rvn@inv.co.jp>
- 10) [39474] Re: Half watt
by "Arch Jenkins" <beaks@westco.net>
- 11) [39475] Re: need antenna goo roux help
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 12) [39476] Ugh: ZM-2 Tuner help needed
by sda <sda@bellsouth.net>
- 13) [39477] Re: Cherynobl VIRus Hits! - New Problem
by J38AL@aol.com
- 14) [39478] Re: Ugh: ZM-2 Tuner help needed
by "Hugo W. Catta" <hugo@banet.net>
- 15) [39479] 1st QRP QSO
by Jay Freeman <jayFreem@direcpc.com>
- 16) [39480] 1st QRP QSO
by N10DL@aol.com
- 17) [39481] Any Wilderness SST users ?
by David Kritzberg <dkritz@mindspring.com>
- 18) [39482] QSL Labels with K1EA program
by Wa2ocg@aol.com
- 19) [39483] Radio Gear FS

- by "J. Ervin Bates, W8ERV" <kb8tnq@voyager.net>
- 20) [39484] Foxx xcvr problem.
by "Todd Carpenter" <carpentt@citrine.indstate.edu>
- 21) [39485] St Louis, MO, help find manipulator maker
by Goran Hosinsky <hosinsky@royac.iac.es>
- 22) [39486] RE: St Louis, MO, help find manipulator maker
by "Ed Tanton" <n4xy@att.net>
- 23) [39487] OOPS!!
by "Ed Tanton" <n4xy@att.net>
- 24) [39488] WTB Kenwood/trade new kit
by K4NK@aol.com
- 25) [39489] MFJ-259 Help needed.
by Anita och Lars Olsson <anita.lars.olsson@telia.com>
- 26) [39490] not QRP - Explorer ?
by "Bill Todd" <bill@willapabay.org>
- 27) [39491] Re: Any Wilderness SST users ?
by Ed Lawson <elawson@lr.net>
- 28) [39492] Re: Any Wilderness SST users ?
by Tim and Aretta Gordish <kb9lgj@leogate.kf9ug.ampr.org>
- 29) [39493] RE: PSK 31 Software and QRP
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 30) [39494] Thanks: Ant Goo Roux Help
by hamjoel@juno.com
- 31) [39495] Stuff
by wd9eyb@butler.indiana.net
- 32) [39496] qrp and the "Batfish"
by "ke5tc" <ke5tc@crosstel.net>
- 33) [39497] HamCom Attendees PreRegistration List
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 34) [39498] Of big coils, reduction drives and solar panels.
by Michael Maiorana <mikemo@ibm.net>
- 35) [39499] Re: Foxx xcvr problem.
by "Steven Weber" <kd1jv@moose.ncia.net>
- 36) [39500] Re: Any Wilderness SST users ?
by Bruce Grubbs <bog@flagstaff.az.us>
- 37) [39501] Re: Cherynobl V!rus Hits! - New Problem
by Bruce Grubbs <bog@flagstaff.az.us>
- 38) [39502] RUFZ software
by Gary Slagel <gdslagel@yahoo.com>
- 39) [39503] Re: Of big coils, reduction drives and solar panels.
by Vic Rosenthal <rakefet@rakefet.com>
- 40) [39504] Re: Manual needed: B&K Model 1465 O'scope
by kv7g@juno.com
- 41) [39505] Re: RUFZ software
by Brian Murrey <brian@iquest.net>
- 42) [39506] Re: Stuff
by "Mark Hogan" <mhogan@email.msn.com>
- 43) [39507] reduction drives

by "Richard Hensel" <rrhensel@sprintmail.com>
44) [39508] mobile ant advice needed
by "Mark Hogan" <mhogan@email.msn.com>
45) [39509] 78L05 vs. 7805
by Jeff Johns <jeffj@scott.net>
46) [39510] RE: My nixie tube wont glow!
by "L. Mark Pilant - MS ZK03-4/Y02 DTN 264-1529" <pilant@seesaw.ENET.dec.com>
47) [39511] Re: RUFZ software
by Hank Kohl K8DD <k8dd@contesting.com>
48) [39512] F.S. - HW8
by "Perley Urquhart" <n1yuk@nemaine.com>
49) [39513] RUFZ 3.1
by Chuck Adams <adams@ticnet.com>
50) [39514] WBL paddles
by "Perley Urquhart" <n1yuk@nemaine.com>
51) [39515] Plug In Coils for Regens
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
52) [39516] 20W linear kit
by "Steven Weber" <kd1jv@moose.ncia.net>
53) [39517] CANADIAN QRP SPRING BOUQUET --- FLOWER STATION SCHED (MAY 3rd--MAY
9th)
by Earl Murphy <earlmurf@telusplanet.net>
54) [39518] Fw: PSK 31 Program THANK YOU ALL !!!
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etcса.сu>
55) [39519] Sold
by "Perley Urquhart" <n1yuk@nemaine.com>
56) [39520] What Commercial Rig has the lowest Receive current drain?
by "Ronald H. Evans" <rhevan1@ibm.net>
57) [39521] RE: 78L05 vs. 7805
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
58) [39522] Re: Regen Update #311
by "Michael A. Gipe" <mgipe@reliablemeters.com>
59) [39523] Thoughts on SGC 2020?
by "Bruce J. Howes KG2IC" <bhowes@buffnet.net>
60) [39524] Re: What Commercial Rig has the lowest Receive current drain?
by "Radman" <radman@best.com>
61) [39525] KI6DS NorCal Meeting report
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
62) [39526] Re WBL paddles
by jn2amr@a1.mbn.or.jp
63) [39527] NC-20 Transmit Offset
by Theodore Wong <wong_th@eng.printronic.com>
64) [39528] Re: What Commercial Rig has the lowest Receive current drain?
by HWRM1SS@aol.com
65) [39529] SV: What Commercial Rig has the lowest Receive current drain?
by "Hans =?ISO-8859-1?Q?Sundstr=F6m"?= <hans.sundstrom@telia.com>
66) [39530] LINUX
by Brad Mugleston <bmug@gwl.com>

- 67) [39531] Re: Cherynobl VIRus Hits! - New Problem
by J38AL@aol.com
- 68) [39532] Cheap Mobile HT Holder
by KB90CE@aol.com
- 69) [39533] Re: [Antenna rotator]
by Roy Lincoln <wa4dou@usa.net>
- 70) [39534] 10M SST-ALIVE!
by mjfitz@uswest.net

Date: Sun, 2 May 1999 23:16:26 +0100
From: Larry Cahoon <wd3p@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [39465] It Gets Better - 365,000 Miles to the Watt
Message-ID: <19990502.231626.4678.1.wd3p@juno.com>

The fun continues - just worked W4VQ in Seminole County, FL at 2 mWatts. He got me on the second shot and did have to ask for a repeat on my county. This time I got a contest 599 for a signal report. Comes in at about 730+ miles. Makes it about 365,000 miles to the watt.

Same setup as before. The Sierra is set at 500 mWatts. The Ten Tec 290 attenuator cuts it back to 2 mWatts (I also measured it on the WM-2 just to be sure.) Dipole for an ant. Up about 25-30 ft.

Back to more fun, 72 de Larry.....WD3P in MD

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 02 May 99 18:36:40 -0500
From: Chuck Adams <adams@ticnet.com>
To: qrp <qrp-l@lehigh.edu>
Subject: [39466] Threats and postings related to same on QRP-L
Message-ID: <E10e516-0007WI-00@smtp.ticnet.com>

-- [From: Chuck Adams * EMC.Ver #2.5.02] --

Gang,

Let me be the first to suggest that posting of threats on QRP-L cease immediately. I didn't see any smiley's and I'm sure the posters didn't think too long on it 'cuz it was a hot button that got pushed and it drives us all a little crazy thinking about it happening to each of us.

First: in this day and age after recent events in the news it seems stupid to me that someone would stoop as low as the individual the comments are aimed at. Stop and think a minute each and everyone of you. You can have one or more government agencies calling at your door if you continue this. They do monitor the Internet and such postings and behavior adds more fuel to the fire to step up monitoring for abhorrent behavior.

And this doesn't even start to consider what a good attorney can do to you and cost you for such threats or insinuations. I'm sure there are cases past, present, and future that will decide what the results of such behavior will cost in time, energy, and money. Not to mention the stress factor(s) also.

Second: you are giving QRP-L a bad name and we'll all wind up with a bad rap if this continues.

So please cease such postings immediately or suffer the pull of the big switch on the wall. It is just getting nasty and enough is enough already....

Geeez gang. This is not a bar room and it sounds like crowd control is needed. I will ask Jim Eshleman to remove those postings from the archives as they serve absolutely no useful purpose. We all remember who did what, so don't wind you up being remembered for something that you are not going to be proud of.

Hope that I have made my point and hope that it is supported. You surely would not see this continuing tirade and threats in print in any newsletter both for political and legal reasons. So you can understand why we don't want

it here either. QRP-L is for the purpose of discussions related to QRP as closely as we can keep such discussions under control. Do not make this become a moderated group and delay postings by as long as 24 hrs or more. We have survived 6+ years in the "open mode" and we'd like to see it remain that way. Don't increase the workload on a few individuals, please.

Think. Think. Think. And then think some more. I thought about it and then decided to post. I'll most likely get some heat but such is life...

dit dit

--
Chuck Adams K5FO adams@ticnet.com CP-60
<http://www.ticnet.com/k5fo>

Date: Sun, 02 May 1999 19:45:53 -0400
From: Bob Edwards <w4ed@flash.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [39467] TFR Dual Paddle
Message-ID: <372CE3B1.713DC1B@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just added a few pictures of my original dual paddle TFR unit on the following page. Since most CW ops use a dual, this unit may be of more general interest than the single paddle that I have been using....

http://www.qsl.net/w4ed/rbe_pdl.htm

Still have some special hi-tech paddle material left, email if interested.

--

Bob 72/73	/
Z'# 114	/
http://www.qsl.net/w4ed	/ \
W4ED nr Atlanta @EM73wt	/ / E \
...."QRP", more from less....	/_ /____ __\
	[\-----/
~~~~~	

-----  
Date: Sun, 2 May 1999 18:52:17 -0500  
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>  
To: <Graham.Firth@BTinternet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [39468] Re: Regen receivers  
Message-ID: <001001be94f6\$d03a4d20\$a137a497@aa5tb>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Graham,

A variable capacitor is still the best way to control the reaction (regeneration). This will help keep the supply voltage steady, frequency stable, and the oscillation point smooth. This technology was somewhat lost for a time but we are getting some of it back now. Resistors were only used to keep the price down or if one couldn't find enough capacitors. Have fun.

73,  
Steve Yates  
AA5TB  
Fort Worth, TX  
<http://home.swbell.net/aa5tb>  
[aa5tb@swbell.net](mailto:aa5tb@swbell.net)

-----  
Date: Sun, 2 May 1999 16:57:48 -0700 (PDT)  
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>  
To: kb9lgj@leogate.kf9ug.ampr.org  
Cc: qrp-1@Lehigh.EDU  
Subject: [39469] Re: [39424] Antenna rotator  
Message-ID: <199905022357.QAA12772@netcom19.netcom.com>

Look at December QST page 42. Four wire rotators are all similar, and it's explained in that article how they work.

73, doug

Date: Sat, 1 May 1999 18:27:44 -0600  
From: Tim and Aretta Gordish <kb9lgj@leogate.kf9ug.ampr.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Picked up an Alliance antenna rotator today at a garage sale for \$.25. Unfortunately it has no control box. It has 4 terminals for the controller. Are these controllers pretty much standard, or did I just pick up some scrap aluminum?

73 de Tim  
KB9LGJ

QRP-L #457 MN-QRP NORCAL FISTS AR-QRP

-----  
Date: Sun, 2 May 1999 17:05:24 -0700  
From: "Dave Fifield" <fifield@pacbell.net>  
To: <sda@bellsouth.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [39470] Variable Bandwidth Filter for NC20?  
Message-ID: <003f01be94f8\$a4aaa680\$0db865d8@pacbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Todd,

Actually, you could design a variable bandwidth crystal filter for the NC20. It would simply be a matter of replacing the fixed capacitors C31, 32, 33, 38, 39 with AM varicap tuning diodes and providing a pot on the front panel to drive them with a varying DC voltage. The ABX mod for the sierra uses this method quite successfully. You should experiment, perfect it and then write it up as an article for QRPP maybe? I don't have time....

72, Dave Fifield, AD6A

> (snip) enjoyed the variable filter on  
> the OHR rigs where you could spin to "narrow" or  
> "wide (snip)

-----  
Date: Sun, 02 May 1999 18:29:04 -0600  
From: Jess Gypin <jessqrp@concentric.net>



To: KB9OCE@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [39471] Re: NA5N Mail; WA8MCQ Threat to Resign  
Message-ID: <372CEDD0.68982789@concentric.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

KB9OCE@aol.com wrote:

> In a message dated 99-05-02 01:15:13 EDT, you write:  
>  
> << However, I wholeheartedly support your commitment to purging the club of  
> the individual or individuals who attacked Paul in this insidious manner. >>  
>  
> GENTEEL INDIVIDUALS PLEASE DELETE NOW!!!  
>  
> Personally, although I love and prefer QRP, I am in favor of finding the  
> person(s) who did it and hook up a killowatt to their XXXXX to see what  
> their swr (scream/wail resonance) is...if it's a lady that did it...well....I  
> don't know. Suggestions? BTW, anyone who complains about this post probably  
> was involved. :o)  
>  
> 73  
> Mike

While I do not condone the type of behavior that prompted this post, I think that the tone is very inappropriate. I am voting against this type of vulgar post here.

--  
Jess AE0CW <><  
<http://www.concentric.net/~jessqrp> Personal Home page  
<http://qsl.net/n0tffi/bug.html> Bug Stories

-----  
Date: Sun, 2 May 1999 20:50:05 -0400 (EDT)  
From: malman@world.std.com (Joel Malman)  
To: qrp-1@Lehigh.EDU  
Cc: k1qm@world.std.com  
Subject: [39472] Radio Stuff for Sale

Message-ID: <199905030050.AA19836@world.std.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Radio stuff for sale by QRP addict  
-----

QRP addict is retired on fixed income and needs to raise cash to support addiction. All Radio stuff in 100% working order and in daily use. Some Radio stuff come with extras at no extra cost. All Radio stuff used by NON-smoker and were never mounted in an automobile. All prices are FIRM. SHIPPING IS INCLUDED via FEDX upon receipt of your check/MO. Local, New England pickup can be arranged at a discount. All stuff priced for QRP-L readers. I am NOT a dealer -- just a QRP addict. For more info about any item please respond via private E-mail: to k1qm@arrl.net thanks.

Item 1:

=====

Small Wonder Labs SW-30+. With SWL case and manual. Includes Free: Low current front end RX chip installed (~10 ma total current draw on RX). RX / TX range currently set for 10.100 to 10133.1 Mhz. Great radio. I have worked most of EU without any problem with this rig. TX output pwr = 2w.  
*** QRP-L reader price \$80.00 ***

Item 2:

=====

STANDARD Radio model C508a. Dual band 2 meter/70cm FM Handheld HT. QRP pwr: about 325 milliwatts. Easily works local repeaters. Uses 2 AA batteries. Included Free: 2 AA Ni-Cads. Comes with Standard Radio box, Manual, and Rubber duck SMA antenna. Includes Free: Extended SMA duck antenna - great for Simplex use. Note: this rig does not come with a wall charger as standard equipment. Includes Free Leather case (Standard Radio \$20 option). I have no idea why Standard Radio does not include a wall charger. Go fig. This item is a current model - sold by national ham radio stores for \$270.  
*** QRP-L reader price \$150.00 ***

Item 3:

=====

ICOM model IC-R10 receiver. Scanner/SW receiver. 500kc to 1.2 Gig AM/CW/FM (narrow and Wide) / SSB (selectable Upper and Lower). 1000+ memories. Easily program-able, by hand or with PC. Includes Free: PC software and cable. Includes Rubber duck, wall charger, 4 Ni-Cads, and manual (about 50

pages). Great radio to monitor 6 meters / 2 meters for DX openings.  
Standard BNC antenna connector. Comes with ICOM box and includes free  
leather case (a \$40 ICOM Option), belt clip, etc. etc. This item is a  
current model - sold by national ham radio stores for \$400.

*** QRP-L reader price \$300.00 ***

Item #4:

=====

KENWOOD model TH-22AT 2 meter FM Handheld HT. Pwr: 3 watts. (5 watts with  
included free, high power battery). Includes rubber duck, wall charger,  
manual and Kenwood box. This HT easily hits all repeaters in the MA/NH  
area without a problem. Very solid feel - built like a brick. Standard  
BNC antenna connector. This item is a current model - sold by national ham  
radio stores for \$300.

*** QRP-L reader price \$175.00 ***

If you have questions, please E-mail me (not the full QRP-L list).

--

/joel K1QM (Ex-wa1qvm) Concord, Massachusetts  
QRP-L 337, QRP-ARCI 9305, MI-QRP 1641, NorCal #1884

-----  
Date: Mon, 3 May 1999 09:54:14 +0900  
From: "Toru Kato" <jg1rvn@inv.co.jp>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [39473] OHR-500 mods  
Message-ID: <199905030056.JAA17073@inv.co.jp>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hai,all. This is JG1RVN Toru in Tokyo.

I am using OHR-500 and I like it very much.  
I worked USA EU ASIA OC and antarctica 8J1RL using  
OHR-500. It is nice QRP CW RIG!

By the way, If you feel some RFI using OHR-500,  
try this mods.

Please install ferite core (sleeve type EMI core is better)  
as follows.

(1) T/R board R311 output cable line

- (2) T/R board 12VT (12V TX) cable line
- (3) T/R board 12V bus cable line
- (4) Front panel R311 VR cable line

OHR-500 has TX power control by R311, but some RF output signal may coming through cable to front panel. These ferite core stop RF signal from Q300 2N3866 to R311 VR and 12V line (both 12V-TX and 12V)  
In addition to add ferite core, please connect metal case (black one, both up side and down side)to GND directly using jumper cable.

You will find sidetone audio will be better and at the same time its harmonics signal will reduce.  
(No TVI here)

GL 72's Thanks.

-----  
JG1RVN Toru Kato  
jg1rvn@inv.co.jp  
JARL QRP CLUB #508  
QRP-L #1893  
-----

PS; I hope Dick KE8KL will better and come back soon. God bless!!!

-----  
Date: Sun, 2 May 1999 21:24:24 -0400  
From: "Arch Jenkins" <beaks@westco.net>  
To: <k4wz@bellsouth.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [39474] Re: Half watt  
Message-ID: <000901be9503\$ae6d6d00\$1fdc0bd0@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Glad to work you today Ron, the half watt was doing fine here even though the band wasnt very good. Will look for you again.....

Take care...  
Arch N8EAG  
Fairmont, WV

-----  
Date: Sun, 2 May 1999 21:29:53 -0400 (EDT)

From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>  
To: "John J. McDonough" <jjmcd@tm.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [39475] Re: need antenna goo roux help  
Message-ID: <Pine.GSO.4.10.9905022125200.4201-100000@moe.cas.utk.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

>Probably it will work sort of, but an 'optimal' arrangement will probably  
>affect the size of your 40 meter elements. I would STRONGLY encourage you  
>to get a copy of NEC2 and model it. It's a lot easier to play in the 'puter  
>than in the air. Better yet, spend some bucks on EZNEC. NEC2 is probably  
>better in some ways, but it's poorly documented and a pain to get the hang  
>of. EZNEC is almost the same thing, but with a user interface you can  
>actually understand.

>

>You can download NEC2 at <http://www.qsl.net/wb6tpu/swindex.html>

>

>Afraid I can't lay my hands on an EZNEC URL real quick - but it's a pile  
>easier to get going on, although the engine is basically the same.

>

EZNEC is a commercial (W7EL) implementation of NEC-2, with a user-friendly interface for creating and modifying models. There is a Web address and link for the W7EL site linked from the very first modeling note in the modeling index part of my main list--also links to other current NEC and MININEC implementations--including Nittany-Scientific (NEC-Win = NEC-2), and Orion (NEC4WIN = MININEC). You will also find the URLs in an article on the CDROM for last year's QEX, as well as articles on the "New MININEC" and on limitations of NEC-4.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	(Off)(423) 974-7215
1434 High Mesa Drive	/	\	\	\	----	/\---	(Hm) (423) 938-6335
Knoxville, Tennessee	/\	\	\	\	/	/    /	(FAX)(423) 974-3509
37938-4443 USA	/	\	\	\			cebik@utk.edu
URL:	<a href="http://web.utk.edu/~cebik/radio.html">http://web.utk.edu/~cebik/radio.html</a>						

-----  
Date: Sun, 02 May 1999 20:42:35 -0500  
From: sda <sda@bellsouth.net>  
To: qrp-1@Lehigh.EDU  
Subject: [39476] Ugh: ZM-2 Tuner help needed

Message-ID: <199905030141.VAA13213@mail2.lig.bellsouth.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Ugh. It doesn't work. I am a meticulous builder but not a very good trouble shooter. Here is the deal: all connections and solder joints triple-verified. Toroid turns and taps re-verified.

1. The LED indicator works fine, comes on bright in tune mode...when I turn the dials and fish around, I can find a spot where the LED goes a BIT dimmer, but tuning is very very sharp. I have tried several antennas, including 2 dipoles and a random wire and trying all settings on the ZM-2, the LED only goes SLIGHTLY dimmer in a certain spot--it never goes really dim, or out altogether, and I know for a fact that my G5RV is 1.4:1 SWR at 14.025 per MFJ259.

2. Bigger problem is that the receiver doesn't seem to hear anything at all when the ZM-2 is hooked up(both in tune and operate modes). I plug in my G5RV dipole directly to my NC20, and I hear signals galore. Then I hook the tuner up, and the entire band seems dead no matter what settings I do on the tuner, i.e. even if I "tune" the antenna!

3. Probed around with the DVM. Found that on both the radio and coax antenna connectors, there is a short between the center pole and the ground. I cannot understand this--is this right? There doesn't appear to be any shorts elsewhere in the circuit. Have checked things over quite a bit.

4. I really really want this tuner to work. Anyone have any suggestions, ideas, feedback, comments, or solutions?????! ; -)

72

Todd Atkins, K4MSW  
Baton Rouge, Louisiana

<http://www.qsl.net/k4msw>

-----  
Date: Sun, 2 May 1999 22:01:27 EDT  
From: J38AL@aol.com  
To: qrp-1@lehigh.edu  
Subject: [39477] Re: Cherynobl VIRus Hits! - New Problem  
Message-ID: <b3c2a9a0.245e5d77@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi,

Sorry this isn't QRP but I'm really lost now. I was hit by the virus Monday but didn't have time to mess with it until today. Thanks to all the posts, I found out that I didn't have to pick up that new drive - I'll return it. But now I have an even BIGGER problem. I turned on my computer today to FDISK and Format the drive and NOTHING appears on the monitor. (I was able to boot from the floppy on Tuesday) The drive lights for the HD, internal Zip drive, and CD light up but NOT the floppy light. And that tiny speaker in the case just emits a constant beep-beep-beep-beep.....about once a second. So I plugged in another floppy drive that I had - there was no change. Is there hope :- ) or should I dig a hole :-(

Thanks in advance,

Al N2ZHS  
Scotia, NY

-----  
Date: Sun, 02 May 1999 22:28:54 -0400  
From: "Hugo W. Catta" <hugo@banet.net>  
To: sda@bellsouth.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [39478] Re: Ugh: ZM-2 Tuner help needed  
Message-ID: <372D09E5.92C9306@banet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

sda wrote:

> Ugh. It doesn't work. I am a meticulous builder  
> but not a very good trouble shooter. Here is the  
> deal: all connections and solder joints  
> triple-verified. Toroid turns and taps re-verified.  
>

.....snip.....

Shorted variable cap(s), perhaps.....?

72,  
Hugo  
CX9AAK/W2

-----  
Date: Sun, 02 May 1999 21:38:55 -0500  
From: Jay Freeman <jayFreem@direcpc.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [39479] 1st QRP QSO  
Message-ID: <372D0C3F.DC3D3109@direcpc.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Howdy ,

Well, after reflowing a few suspicious solder joints, I have the BC interference problem mostly licked in my Howes rcvr. Made my first qso tonight with XE1VVD with my 2 watts out on 15m. Cool! Band dropped right through the floor on us, but he heard me. I'm hooked.

73,

Jay Freeman WT9S

-----  
Date: Sun, 2 May 1999 23:17:45 EDT  
From: N10DL@aol.com  
To: qrp-1@lehigh.edu  
Subject: [39480] 1st QRP QSO  
Message-ID: <c2f6597d.245e6f59@aol.com>  
MIME-Version: 1.0



Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Just wait....it only gets better.....

Aron

N10DL

Bedford, NH

-----  
Date: Sun, 02 May 1999 23:21:16 +0100  
From: David Kritzberg <dkritz@mindspring.com>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [39481] Any Wilderness SST users ?  
Message-ID: <372CCFDC.4DF1@mindspring.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Wondering abt this rig. what was your experience. Is it a performer  
(for its type)? or was building it an excercise in your kit building  
skills. Can it be moded for a bit more pwr?

Thanks in advance for any feedback.

73 de KF4U0D/ Dave

-----  
Date: Mon, 3 May 1999 00:37:12 EDT  
From: Wa2ocg@aol.com  
To: qrp-l@lehigh.edu  
Subject: [39482] QSL Labels with K1EA program  
Message-ID: <9226b332.245e81f8@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Enjoy this great program for all contests, but would like to know how to  
print QSL label with this program. Does the program print a QSL file for all  
QSOs in a given contest? Can I run the label file in Word for Windows (95  
ed), Wordperfect 6.0, Excel or Access?? Can I use the WB8 QSL maker program  
(excellent program)? What format is needed for this program in order to  
generate QSLs??

Any help would be appreciated!!

Anything to make life in the amateur radio world easier!

73's  
Michael  
WA20CG

Life in the great Pacific NW where there is always DX to the West and QRP is a great way of life.

-----  
Date: Mon, 03 May 1999 01:18:15 -0400  
From: "J. Ervin Bates, W8ERV" <kb8tnq@voyager.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [39483] Radio Gear FS  
Message-ID: <372D3197.41DA1F36@voyager.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi all:

Well, if you know anyone interested in Amateur Radio, I am parting with a couple pieces of equipment. Both are in excellent condition and come with manuals and boxes. Need the space for some new HF equipment and the extra \$\$\$ won't hurt either.

1. Radio Shack HTX 212 2m mobile. 45 Watts out on high and clean. Not a moments' problem with this. \$160.00 plus actual shipping costs. This one is just over a year old and was purchased new.

2. Yaesu VX-1R dual band mini handie. Comes with external mic and AA battery holder (bought only two months ago). Also comes with mini SMA to BNC connector so it can be used at home or mobile. This one is nearly perfect and has been used very little.  
\$200.00, plus actual shipping costs. This is also just over a year old.

Both have been used in non smoking environments and have been cared for. Please email directly for information and to make purchase arrangements.

72/73,  
Erv W8ERV

-----  
Date: Mon, 3 May 1999 01:32:27 -0500

From: "Todd Carpenter" <carpentt@citrine.indstate.edu>  
To: "qrp-L" <qrp-l@Lehigh.EDU>, "gqrpclub" <owner-gqrp-l@blacksheep.org>,  
<wd9eyb@butler.indiana.net>  
Subject: [39484] Foxx xcvr problem.  
Message-ID: <B82F7377843@citrine.indstate.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hey guys, I built a Foxx qrp xcvr kit as part of our club's (ISUARC) group effort. We wanted all our members, especially the new hams to have HF capable radios. On completion of mine, i mounted it in an aluminum box. It seems to be working well. However, I have found that it is overloaded by a local bc band station. It doesnt seem to matter what 80m xtal I put it on, the station is always there. Sometimes, depending on which xtal, the bc band station is stronger. My delima is that I haven't the technical knowlege to diagnose the problem. I cannot find any bad solder joints. I have all the parts in the correct places. (apparently) A couple of my friends have suggested that perhaps the wire jumpers to the face of the radio's case are too long. I dont see how I can make them much smaller. I could perhaps stand the board up on its end and make it work that way. Somebody suggested that perhaps my leads to the xtal are too long, as I have them sticking out the back to attach to the xtal via gator clips. I know that it is recieving on the xtal frequencies because I did hear an KC8 station in a pause in the bc stations broadcast. If anyone has any idea of what it may be or what i can do, please let me know. I was thinking about maybe using short lengths of coax and connecting their shields to the ground, but like I said, it would help if I knew what I was doing. Tnx in advance. 73, Todd

=====  
Todd M. Carpenter, N9YSQ  
President ISUARC  
Member: WVARA, THRC, GQRP, INQRP, ARCI

-----  
Date: Mon, 03 May 1999 10:03:49 +0000  
From: Goran Hosinsky <hosinsky@royac.iac.es>  
To: qrp-l@lehigh.edu  
Subject: [39485] St Louis, MO, help find manipulator maker  
Message-ID: <372D7484.13C784E3@royac.iac.es>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Hi,

My favorite iambic manipulator took a fall and needs a spare part. It is a model BTL-A from BROWN BROS MACH CO, ST LOUIS, MO. If anyone could help me to find the email or phone number or postal address to this company I would be grateful.

73

Goran ea8yu  
Isla de La Palma  
Canary Islands

-----  
Date: Mon, 3 May 1999 06:36:42 -0400  
From: "Ed Tanton" <n4xy@att.net>  
To: <hosinsky@royac.iac.es>  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [39486] RE: St Louis, MO, help find manipulator maker  
Message-ID: <001901be9550\$d5c1c200\$01010101@n4xy>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Goran... I am certain you are going to receive many replies like this one, so, since I was up, and saw it right off the bat, I thought I would post a public reply to keep you from getting a zillion messages. Brown Brothers company ceased to exist (at least as a key maker-probably utterly) sometime in the 70s, I think it was.

As far as I know, there are no available spare parts. There are several machinists who follow this and the [CW] list, so you might appeal to one of them to duplicate your broken part. It would probably be worth it, since they are moderately valuable. I don't really know a value since they don't show up very often. It is certainly more than a hundred US dollars, and quite possibly/probably more than that.

One machinist I can highly recommend would be Donald Hensley at <w4oa@vibroplex.com>, the designer and maker of the Hensley Paddles. He makes the best paddle currently available, period... and one of the best ever made (my own subjective opinion of course.)

Also, depending on the piece that broke, you might talk to Mitch, W4OA, the owner of Vibroplex at: <w4oa@vibroplex.com>. Mitch is a very nice guy also, and perhaps could be persuaded to put one of his machinists on it.

The Brown Bros. Paddles were the best there was, in their day, and I-and most everyone on this list-would hate to see one die away into oblivion. Any number of people on this list would undoubtedly be more than willing to buy it outright-broken as it may be-or to trade you a nice Vibroplex, Schurr, or whatever for it-myself included. Best idea however, is to get someone to make you a new part-it sounds like you are-appropriately-very fond of it.

Let us all know what happens-and I'm sure any of us would be happy to help you in any way we can.

72 / 73 Ed N4XY

-----  
Ed Tanton N4XY EMAIL: n4xy@arrl.net  
189 Pioneer Trail  
Marietta, GA 30068-3466 TEL: (770)579-3933

-----  
INTERESTS: *CW (99.5%) *QRP (QRP-L# 758)  
*BoatAnchors *Test Equipment *Photography

~~~~~  
Time flies like an arrow. Fruit flies like a banana.
... Groucho Marx
~~~~~

-----  
Date: Mon, 3 May 1999 06:42:57 -0400  
From: "Ed Tanton" <n4xy@att.net>  
To: <hosinsky@royac.iac.es>  
Cc: "QRP-L Reflector" <qrp-l@Lehigh.EDU>  
Subject: [39487] OOPS!!  
Message-ID: <001b01be9551\$b5016650\$01010101@n4xy>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

OOPS!! My cut and paste of Donalds's email address got screwed up.

Donald hensley's email address is: rudy@inna.net

Sorry abbout that.

72 / 73 Ed N4XY

-----  
Date: Mon, 3 May 1999 06:56:00 EDT  
From: K4NK@aol.com  
To: qrp-1@lehigh.edu  
Subject: [39488] WTB Kenwood/trade new kit  
Message-ID: <45a8c19e.245edac0@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Gang;

I am looking for a Kenwood AT-230 antenna tuner and a SP-230 speaker. I have a new 40 meter kit for trade and/or \$\$\$\$. Anyone got these items left lying around?.

73 Les K4NK

-----  
Date: Sun, 02 May 1999 12:58:41 +0200  
From: Anita och Lars Olsson <anita.lars.olsson@telia.com>  
To: QRP-L@LEHIGH.EDU  
Subject: [39489] MFJ-259 Help needed.  
Message-ID: <372C2FE1.1857@telia.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hello QRP friends,

One of my hamfriends, SM5DMQ has an MFJ-259 which is not working in frequency counter mode. He has sent a couple of letters to MFJ and asked for a circuit diagram, but has got no answeres from them.

Does anyone of you have good contacts with NFJ or having a circuit diagram? If so, please tell me how much for it.

73 de Lars / SM3AVQ

-----  
Date: Mon, 3 May 1999 05:46:59 -0700  
From: "Bill Todd" <bill@willapabay.org>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [39490] not QRP - Explorer ?  
Message-ID: <001101be9563\$09b96b00\$aab5ded1@bill>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hello group -

Somehow, I have managed to remove the "web destination" line in my Internet Explorer web browser. The destination line is what I call the window at the top of the browser that shows the complete http://www. etc., etc., address that you have connected to. It is the same line where you can type in a new address that you want to be connected to.

Explorer still works fine if I want to go to one of my favorite sites, but I find it very difficult to look at anything "new" (ha ha).

Does anyone have a solution as to how I can return my Internet Explorer to it's original configuration?

Thanks - Bill-N7MFB  
<http://www.willapabay.org/~bill>  
ICQ @ 8926298

-----  
Date: Mon, 03 May 1999 09:17:52 -0400  
From: Ed Lawson <elawson@lr.net>  
To: dk1rz@mindspring.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [39491] Re: Any Wilderness SST users ?  
Message-ID: <372DA1FF.4887EB13@lr.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

David Kritzberg wrote:

> Wondering abt this rig. what was your experience. Is it a performer  
> (for its type)?

I have a 40M version and I think it is a great little rig.  
Performance is quite good and the power is about right for me.  
Small, easy to build, and works well.

I am thinking of getting another one and wondering how to get one to work on 15M.

It exceeded my expectations.

Ed Lawson  
K1VP

-----  
Date: Mon, 3 May 1999 08:04:14 -0600  
From: Tim and Aretta Gordish <kb9lgj@leogate.kf9ug.ampr.org>  
To: dkritz@mindspring.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [39492] Re: Any Wilderness SST users ?  
Message-ID: <103110700b3535bc6be3c@[209.181.171.194]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I much enjoy my little 20 meter model of the SST. It is a very usable rig, and a great performer. The 3 watts it puts out is all you will need for making consistant contacts. The cw filter is narrow so it is easy to use this rig for contests and pick out signals in a pile up. It is excellent size- tiny, and the 20 meter version covers both the QRP call frequency and the FISTS call frequency. Current drain is very low and I built up an internal batterypack from cordless phone battery packs that will keep the rig on air for a good two hours- the perfect Spartan Sprint rig! The only draw back with my rig is the audio volume is low and I use an external audio amp to fill the shack with sound when not using headphones.

73 de Tim  
KB9LGJ

QRP-L #457 MN-QRP NORCAL FISTS AR-QRP

-----  
Date: Mon, 3 May 1999 09:46:18 -0400  
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etcasa.cu>  
To: <qrp-L@LeHigh.edu>  
Subject: [39493] RE: PSK 31 Software and QRP  
Message-ID: <007101be956b\$a5a8e060\$04000a0a@inforhc>



MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi to all !  
Have now the sound card ( 16 bit, and I hope compatible ..) working  
OK with the CD drive and sound files from the HDD...  
So, maybe it will work with the PSK31 software too.  
As I can not surf the WWW yet, here is my request ...  
Does anyone has the PSK31 software available to be sent via  
e-mail as an attachment ?  
My e-mail system receives attachments up to at least 1.5 megs, and  
I understand that the PSK31 is not that large.  
Could be very really interesting to run PSK31 tests from here at  
QRP power levels !  
Thanks in advance for the help.  
My e-mail  
inforhc@mail.infocom.etcscsa.cu

Arnie C02KK  
inforhc@mail.infocom.etcscsa.cu  
Postal address:  
Prof. Arnaldo Coro Antich  
La Torre no.127 entre 35 y 37  
Nuevo Vedado, Plaza  
Ciudad Habana , 10600  
CUBA

-----  
Date: Mon, 3 May 1999 10:47:59 -0400  
From: hamjoel@juno.com  
To: qrp-1@lehigh.edu  
Subject: [39494] Thanks: Ant Goo Roux Help  
Message-ID: <19990503.104800.-200181.0.hamjoel@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Wow Thanks guys:  
Got many replies thanks:

consensus seems to be that:  
I will degrade the 40mtr portion of the yagi.....

and a second driven element would be a better route.....

also a suggestion to use twin lead to make a multi element dipole driven element...

Everyone (I think) suggested I model the ant on one of the many programs that are out there before I go pullin on ropes and stringing wires....

I down loaded one of these a long time back and am still confused by the terms used.... my cajun mom says I was never noted for any brilliant understanding of things.... and that my mind is definetly qrp on many topics... :-) which is why she was so happy I joined qrp-l.....

THANKS FOR THE INFO GUYS.... IT'S TIME FOR ME TO RE-THINK .... THE PROJECT,,,,, which I will do as soon as I find the aspirin bottle....

Joel kella  
in maine  
thinking 5w equals a kw

---

You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

---

Date: Mon, 3 May 1999 10:21:06 -0500 (GMT+5)  
From: wd9eyb@butler.indiana.net  
To: qrp-l@lehigh.edu (QRP List)  
Subject: [39495] Stuff  
Message-ID: <199905031521.KAA02568@butler.indiana.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I have some stuff to say.

1. Had a good QSO with KK6MC this weekend. Thanks Jim.
2. I don't want anybody to resign, quit, be forced out, or be banned from anything. Somebody might need to be persona non grata (I probably misspelled that) for awhile but hopefully can be forgiven in the future.
3. Wow! Those county hunters sure do send fast. How do they do that and operate mobile?
4. How come those Italian stations refuse to hear me?

5. I have a friend with a DC rcvr problem just like the other post here. In fact both posts have probably be seen here. My ideas on that are appended to the bottom of this note.
6. Someone posted a note about using an attenuator to get down to 2 mW. Maybe some of the signal was leaking around the attenuator.
7. I've been playing the RUFZ game. I'm not very good, only 6500 points. I've wonder why I always get about half the calls wrong. Then it occurred to me that I will get half the calls wrong all the time because the speed increases until I start making mistakes. It then fluctuates around that point. Good game and good practice too.

That's all for now.

Jim, WD9EYB

#### DC Rcvr Comments

Direct conversion receivers are notorious for receiving undesired broadcast stations. You have a lot of the right ideas to help the problem. Shield everything. Make all leads as short as possible. Use lots of bypass capacitors and RF chokes. Use a battery for power. You probably need to filter or trap the broadcast station's signal out of the antenna input.

I have a T-kit DC (direct conversion) receiver that suffers a little from this problem. When I have this problem, backing down on the RF gain knob usually helps. Your rig probably doesn't have an RF gain knob but you might consider building an attenuator. The resistive SWR bridge I've been yapping about lately can be used as a 6 dB attenuator.

I have 2 Oak Hills Research (OHR) DC rigs that don't have the problem. The OHR rigs are well built. Not because I built them but because they were designed that way. I will review their schematics to see if they used any tricks that might help.

Doug DeMaw, W1FB <SK>, had something to see about BCB (broadcast band) rejection in some of his books. I will review what I have to see what he says. He founded OHR.

Another solution is to move up to superhetrodyne rigs. My T-kit 1340 and my OHR Explorer 2 are both superhets.

Later,

Jim, WD9EYB

-----  
Date: Tue, 4 May 1999 10:30:30 -0500  
From: "ke5tc" <ke5tc@crosstel.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [39496] qrp and the "Batfish"  
Message-ID: <000301be9643\$0c00b220\$496c1ece@ke5tc>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

We were only able to make 5 qrp cw contacts from the WWII submarine "USS BATFISH" on April 24. Interference with the ssb rig forced us to qrt. Got out voted - more ssb ops. present then qrp cw ops. That means plan "B" for next year. (whatever plan "B" is)  
72 de ke5tc

-----  
Date: Mon, 3 May 1999 08:48:59 -0700  
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
To: <qrp-1@lehigh.edu>  
Subject: [39497] HamCom Attendees PreRegistration List  
Message-ID: <01be957c\$76764ba0\$630a0d0a@doug.dpol.k12.ca.us>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 8bit  
Content-Transfer-Encoding: 8bit

Here is the latest list of PreRegistered attendees for HamCom, to be held in Arlington, Texas at the Convention Center right next to Texas Stadium on June11, 12, and 13th. The QRP Forums are sponsored by the NorTex QRP Club, with Joe Spencer, Barbara Spencer and Doc Drake the people in charge. If you are going to attend Hamcom and the QRP Forum activities, please send me a message with "HamCom Badge" in the subject line, so I can add your name to the list, make a special limited edition numbered laminated HamCom QRP badge for you, plus add your name to the drawing for the NorCal 20 kit from NorCal QRP Club along with an anodized case from Doug Hauff at San Luis Machine.

There are lots of prizes already donated for the group at large and the Regen Building Contest, but the you must preregister to be eligible for the NC20 and special case.

Here are the list of attendees as I have them. I talked to Dave Fifield and Mike Gipe yesterday and both are making plans to attend, if possible. Dave looks about 95% sure and Mike is about 75%, it will depend on work schedule if both can attend, but both are making every effort to attend. Dave will have a booth for Red Hot Radio and will be selling kits!!

Here is the list, please note that Veda Henson has a lower number than Norm Melick. (Veda asked me to be sure and note that).

1. Doc Drake - W5TB
2. Joe Spencer - KK5NA
3. Barbra Spencer - KK5QA
4. Doug Hendricks - KI6DS/M BIV
5. Jim Cates - WA5GER
6. Graham Firth - G3MFJ/W3MFJ
7. Tony Fishpool - G4WIF/K4WIF
8. George Dobbs - G3RJV
9. Ed Manuel - N5EM
10. Stuart Rohre -K5KVH
11. Larry Wise - KA5T
12. Jay Bromley - W5JAY
13. Chuck Adams - K5F0
14. Royce Rainwater - KE5TC
15. Paul Harden - NA5N
16. Jerry Parker - WA6OWR
17. George Pierce - WA5ABS
18. Glen Reid - K5FX/M BGF
19. Dub Thornton - WA5YFY
20. Clif Sikes - AB5UA
21. Dick Stemson - KK5X0
22. Vic Turner - WA6EIW
23. John Carter - W5LGO
24. Vernon Hatley - KK5R0
25. Burl Keeton - N5DUQ
26. Bob Hynd - N5URL
27. Jim Kortge - K8IQY
28. Jim Duffey - KK6MC
29. Kelsey Mikel - KK5KU
30. Vern Wright - W6MMA
31. Larry Brandon - K1ZW
32. Steve Lowrey - K5ATY
33. Keith Newman - K5YCM
34. Jonathan Setcer - KC5BRY
35. Larry Brandon - K1ZW

36. George Lee - KR5C
37. John Langridge - KB5NJD
38. Dan Copeland - N DT
39. Wes Spence - AC5K
40. Steve Yates - AA5TB
41. Ron Hambric - N5SBN
42. Alex Kaplinsky - K5UNY
43. Tom Stibal - W TJ
44. Bill Steitenroth - K5ZTY
45. Paul Smith - KD5DBO
46. Henry Schneider - W5HNS
47. Phil Salas - AD5X
48. Richard Kapalczynski - N5JI
49. Bob Helms - AF5Z
50. Dave Little - AF5U
51. Bill Pierrard - K5JHP
52. Bart Lawson - N5WL
53. Dave Martin - K5YFO
54. John Sanders - AB5ZR
55. Terry Myers - KQ5U
56. Veda Henson - KF6JHC
57. Norm Melick - KQ6SD
58. Robert Lucas, WD5IBX
59. Dave Fifield, AD6Y
60. Mike Gipe, K1MG

The NorTex club has lots of activities planned, including a Regen Building Contest, QRP Forums featuring Paul Harden, George Dobbs, Chuck Adams and Doug Hendricks, QRP Booths from NorTex, G-QRP Club, and NorCal, and a QRP Open House planned for Saturday night. It is going to be one big QRP Party, and we want you to be there. 72, Doug, KI6DS

-----  
Date: Mon, 03 May 1999 11:43:45 -0400  
From: Michael Maiorana <mikemo@ibm.net>  
To: qrp1 <qrp-1@Lehigh.EDU>  
Subject: [39498] Of big coils, reduction drives and solar panels.  
Message-ID: <372DC431.A4703DB1@ibm.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hello friends. I've got a few questions and some assorted comments that I thought I'd roll into one post.  
First, in a quest to build a "link coupled" tuner for qrp, I've failed again on

making a big air core inductor. I've got the spacing problem solved, but come to find out that Duco cement does not stick to the enamel coating on the 14 gauge wire I have. Now I've got another example of the worlds largest copper slinky ;-)

Second, I picked up some really cool stuff at a local swapfest. I got some old reduction drives, but they are rather stiff. Can these be lubricated????

Third, I got a pair of solar panels too. 1 square foot, 21 volts open circuit and about 200mA. Can I parallel them directly or do I need some circuitry to parallel them? Also, if I use a battery as an intermediate storage (float charge mode), do I need a charge controller? They are plain glass panels with contacts that run along the bottom edge. Any suggestions for mounting these?

Sorry this is so long, but thanks for any feedback.

--

72 de KU4Q0, Mike Maiorana, Palm Harbor, FL

"Has anyone seen my youthful exuberance? I must have misplaced it."

-----

Date: Mon, 3 May 1999 11:00:29 +0000  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: carpentt@citrine.indstate.edu  
Cc: qrp-1@lehigh.edu  
Subject: [39499] Re: Foxx xcvr problem.  
Message-ID: <199905031545.LAA21839@moose.ncia.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

>

> Hey guys, I built a Foxx qrp xcvr kit as part of our club's (ISUARC) group  
> It seems to be working well. However, I have found that it is overloaded  
> by a local bc band station. It doesnt seem to matter what 80m xtal I put

Todd,

Sounds like another Direct Conversion receiver with mixer overload problems...

First, try running it on batteries, if it isn't already. That might help a little. Most likely though, you will have to build a BCI trap. This is a series resonant circuit that goes across the antenna to shunt the BC station signal to ground. Easiest way to make one is to find an old AM/FM radio and use the ferrite antenna coil for the coil and use the tuning cap the adjust it. If the station is near the high

end of the band, you could use the Local Oscillator coil, which is in a shielded can. (often has a red core)

Remember, the cap will go in series with the AM antenna coil, not across it. Better put it inside your alum box, or it might pick up the station even stronger.

An alternative is to parallel tune the coil and put it in series with the antenna lead. Try both ways to see which is more effective.

If you're real close to the AM BC station or if it's a powerful one, might not much of anything you can do, short of moving:-)

Good luck.

72,

Steve, KD1JV in the white Mountains of New Hampshire  
"melt solder"

-----  
Date: Mon, 03 May 1999 08:38:32 -0700  
From: Bruce Grubbs <bog@flagstaff.az.us>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [39500] Re: Any Wilderness SST users ?  
Message-ID: <3.0.5.32.19990503083832.0099ca40@mail.infomagic.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Dave,

I have a 40 m SST with the KC1 keyer. It was easy to build, worked perfectly the first time, and has a great receiver. The only mod I've done was to put in a switch so I could use both varactors for a little better tuning range- it's now 7033-44.

I don't know about power mods. I bought it to take backpacking and I like the low current drain. I certainly have no trouble making contacts with a low dipole.

One of these days I'll probably get a 30 or 20m SST. Next project, though, is building a K2 when it arrives.

72

Bruce, N7CEE  
bog@flagstaff.az.us



-----  
Date: Mon, 03 May 1999 08:47:42 -0700  
From: Bruce Grubbs <bog@flagstaff.az.us>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [39501] Re: Chernobyl VIRUS Hits! - New Problem  
Message-ID: <3.0.5.32.19990503084742.0099b680@mail.infomagic.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Al,  
The beeps indicate a problem during the power on self test (POST).  
Chernobyl can corrupt the BIOS code on the motherboard that is used to  
start the computer. If you have the documentation for your motherboard, try  
resetting the BIOS to the manufacturer's defaults. There's usually a jumper  
that lets you do that. Otherwise, you can remove the backup battery from  
the motherboard for about 5 minutes- if it's a removable battery.

Bruce, N7CEE  
bog@flagstaff.az.us

-----  
Date: Mon, 3 May 1999 09:22:44 -0700 (PDT)  
From: Gary Slagel <gdslagel@yahoo.com>  
To: qrp-l@Lehigh.EDU  
Subject: [39502] RUFZ software  
Message-ID: <19990503162244.7086.rocketmail@web203.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Anyone have info on how to get the RUFZ software? I  
tried to download but gives me a 'private site' error.

===  
Gary Slagel/N0SXX  
Conifer, CO 80433  
gdslagel@yahoo.com  
Personal Website: <http://marina.fortunecity.com/sanpedro/351>

-----  
Do You Yahoo!?  
Get your free @yahoo.com address at <http://mail.yahoo.com>

-----  
Date: Mon, 03 May 1999 09:35:35 -0700  
From: Vic Rosenthal <rakefet@rakefet.com>  
To: mikemo@ibm.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [39503] Re: Of big coils, reduction drives and solar panels.  
Message-ID: <372DD057.9C75990D@rakefet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Michael Maiorana wrote:

>  
> Second, I picked up some really cool stuff at a local swapfest. I got some old  
> reduction drives, but they are rather stiff. Can these be lubricated?????

If they are National Velvet Vernier type mechanisms, the answer is 'no'. They are friction drive, and if you lubricate them they will just slip. If they are ball-drives, then yes, you can use silicone grease. The National-type drives are about 2" in diameter, and have three little discs that rotate inside the back part. These are neat, but they are stiff by design. If that's what they are and you don't like them, I'll buy them from you for use in old boatanchor gear!

73,  
Vic, K2VCO  
Fresno CA

-----  
Date: Mon, 3 May 1999 09:35:24 -0700  
From: kv7g@juno.com  
To: sda@bellsouth.net  
Cc: qrp-1@Lehigh.EDU  
Subject: [39504] Re: Manual needed: B&K Model 1465 O'scope  
Message-ID: <19990503.094517.-637671.0.kv7g@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Todd

I have a manual for the 1465, let me know what your mailing address is and I will get it off to you. Just reimburse me for the postage. It may take a day or 2 for me to get to the P.O.

Bud - KV7G - Yuma, AZ

kv7g@qsl.net

Web Page [www.qsl.net/kv7g](http://www.qsl.net/kv7g)

-----  
You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Mon, 3 May 1999 09:47:44 -0700  
From: Brian Murrey <brian@iquest.net>  
To: gds slagel@yahoo.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [39505] Re: RUFZ software  
Message-ID: <99May3.095711pdt.17029@firewall.bellind.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

What is RUFZ?

72

Gary Slagel wrote:

>  
> Anyone have info on how to get the RUFZ software? I  
> tried to download but gives me a 'private site' error.  
>  
> ===  
> Gary Slagel/N0SXX  
> Conifer, CO 80433  
> gds slagel@yahoo.com  
> Personal Website: <http://marina.fortunecity.com/sanpedro/351>  
> -----  
> Do You Yahoo!?  
> Get your free @yahoo.com address at <http://mail.yahoo.com>

--

=====  
KB9BVN :NORCAL #2792 FISTS #5695 QRP-L #1540  
39.558 N 86.095 W Johnson Co., Indiana  
GRID: EM69WN - NORCAL 40A - Attic Dipole - 1.5w  
Proud to be a member of the American Radio Relay League

=====

-----

Date: Mon, 3 May 1999 12:00:36 -0500  
From: "Mark Hogan" <mhogan@email.msn.com>  
To: "QRP LIST" <qrp-l@Lehigh.EDU>  
Subject: [39506] Re: Stuff  
Message-ID: <00a001be9586\$947eb240\$6ae60181@mhogan-ws>

Great bunch of comments

Took me a while to decipher that fast guy about '45 on 20m yesterday. I was not up on the county Hunter tst ans just couldn't figure out what ch was. Sometimes I'm DUMB!  
Well he didn't answer this slow choppy mobile nc20 fist yesterday.

3. Wow! Those county hunters sure do send fast. How do they do that  
> and operate mobile?  
>

Mark Hogan / N50BC

-----

Date: Mon, 3 May 1999 13:08:49 -0400  
From: "Richard Hensel" <rrhensel@sprintmail.com>  
To: "qrp-l" <qrp-l@lehigh.edu>  
Subject: [39507] reduction drives  
Message-ID: <000101be9587\$9cd37560\$0317e590@nosrrhensel>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Soes any one remember who had the group buy on the 1.5 and 2" reduction drives several months ago?

I got my 1.5's but never saw the 2" models.

Thanks

Richard Hensel  
SPRINT  
rrhensel@sprintmail.com  
n8wlc@arrl.net

When you have a hammer in your hand ...  
The whole world looks like a nail.

-----  
Date: Mon, 3 May 1999 12:11:43 -0500  
From: "Mark Hogan" <mhogan@email.msn.com>  
To: "QRP LIST" <qrp-l@Lehigh.EDU>  
Subject: [39508] mobile ant advice needed  
Message-ID: <00a301be9588\$06a12eb0\$6ae60181@mhogan-ws>

I've been running my SST-40 and my NC-20 mobile lately. Yet to make a contact. I'm using that MFJ QRP tuner, (the one that fits their transceiver and fits in the stack, Hamfest deal) to a 102" whip mounted on the bed of my pick-up. I am able to achieve a flat swr at the tuner, (magic :) so it's not an issue of will it match the whip, just what's getting off the whip may be the big issue!

My questions of those that have preceded me in the mobile qrp category are...

Is this too inefficient a radiator?

Although its gonna be expensive and a pain, would I be better off with a hustler or hamstick for each band?

Since I've gotten my 38s running I would like to do 30m also, the hamstick thing could get to be a real pain...plus the 102 whip lays down when I back into the garage and those glass antennas break off real easy, read OH NO I forgot... :()

I've made some good qrp contacts off of my IC-730 set at 3 watts through the same setup, so I know the antenna works, contacts were on 20m never had time for 40 off the whip.

Any Ideas comments accepted.

Fledgling QRP/m operator :)  
Mark Hogan / N50BC

-----

Date: Mon, 3 May 1999 12:17:45 -0500 (CDT)  
From: Jeff Johns <jeffj@scott.net>  
To: qrp-l@lehigh.edu  
Subject: [39509] 78L05 vs. 7805  
Message-ID: <199905031718.MAA30272x@scott.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit  
Content-Transfer-Encoding: 8bit

Can a 78L05 voltage regulator be replaced with a 7805 voltage regulator? Is the only difference the case size and style?

73 Jeff

```
*----- Jeff Johns W4JEF - AMSAT# 32615 - QRP-L# 1857 -----*
|jeffj@scott.net  w4jef@amsat.org |      Reserve Patrol Captain      |
|  Satellite: Mir R0MIR-1, AO-27  | Jefferson County Sheriff's Dept|
|200LX+BayPac+FT50=Portable Packet|      QTH Birmingham, AL USA    |
*-----*
```

Goin' Postal - HP 100/200LX (v3.05beta) REGISTERED

-----

Date: Mon, 3 May 99 13:14:10 EDT  
From: "L. Mark Pilant - MS ZK03-4/Y02 DTN 264-1529" <pilant@seesaw.ENABLE.dec.com>  
To: qrp-l@lehigh.edu  
Cc: pilant@seesaw.ENABLE.dec.com, n0tu@webaccess.net  
Subject: [39510] RE: My nixie tube wont glow!  
Message-ID: <9905031714.AA04641@us9rmc.zko.dec.com>

Steve, if you don't get any glow from any of the Nixie tubes, I would suspect a problem with the HV portion of the supply, or the components getting the necessary HV to the Nixies.

There are a couple of different methods used to switch the HV to the Nixie. (I several HP units which use Nixies, and a Fluke 8375 that does as well.) Some use a simple transistor "switch" while others use a form of opto-isolator. Still others use FETs.

Most methods I've seen use a "bias" voltage to set the voltage on the Nixie elements to just under the firing voltage. The SS switch is then used to boost the voltage up enough to cause the appropriate digit to fire (light up). (This tends to keep the voltage differential low, so you don't need HV components to do the switching.)

So... I would take a voltmeter to the power supply and see what sorts

of HV can be found. (I think it should be in the 150VDC to 175VDC range.) Then, I'd poke around the Nixie tubes to see if there is a lower voltage (75VDC to 90VDC) on any of the pins.

Finally, I would check the use manual suppliers to see if you can get a manual. (I have had very good luck with The Manusl Merchant and Manuals Plus. No connections, I just send them lots of money for manuas :- ) :-)

I hope this helps.

73

- Mark N1VQW

-----  
Date: Mon, 03 May 1999 13:25:23 -0400  
From: Hank Kohl K8DD <k8dd@contesting.com>  
To: brian@iquest.net  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [39511] Re: RUFZ software  
Message-ID: <4.1.19990503132008.0154b490@192.0.0.1>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

RUFZ is one of the neatest CW programs, it's right up there in the top three. It sends a call out your speaker (PC or via the sound card). You type the call. If you get it right it sends another call a little faster. If you get it wrong it sends another call a little slower. I think the increments are 2 wpm.

I've seen people break out into a sweat on this program.

The other two are PED and PileUp!

I don't have the sites handy at the moment, but most search engines will get you to all three, or for a Pepsi and one future trade option I can send any or all of them as an attachment.

73 Hank K8DD

At 09:47 AM 5/3/99 -0700, Brian Murrey wrote:  
>What is RUFZ?

-----

Date: Mon, 3 May 1999 13:33:03 -0400  
From: "Perley Urquhart" <n1yuk@nemaine.com>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [39512] F.S. - HW8  
Message-ID: <000101be958b\$008ebda0\$264488d0@urquhart>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Want to sell my recently acquired HW-8. Nothing wrong with it! Want to recover my costs. \$155.00 plus you pay for shipping. Appx. 16.00. And insurance if you want it. Email direct please. urquhart@nemaine.com

-----  
Date: Mon, 03 May 99 12:50:21 -0500  
From: Chuck Adams <adams@ticnet.com>  
To: qrp <qrp-l@lehigh.edu>  
Subject: [39513] RUFZ 3.1  
Message-ID: <E10eM5Y-0003RW-00@smtp.ticnet.com>

-- [ From: Chuck Adams * EMC.Ver #2.5.02 ] --

Gang,

See

<http://www.darc.de/referate/dx/fedtr.htm>

for all the information that you will ever need on RUFZ (Rufzeichen-horen which means in German to listen to call signs or call signs to hear). The latest version is 3.1.

The above site has the downloadable version and a listing of all the high scores separated by age brackets and gender. If you look through all the listings you will see a lot of calls you'll recognize from contest score final results. There is a reason for this and I leave it as an exercise for the reader to determine how and why.



: -)

Now let me warn you. When you get the program and download it and fire it up you will become rapidly frustrated with yourself because it is a tough program. Just remember this. For all those scores that you see listed the person missed 50% or more getting that score in the real high scoring brackets.

For those of you that know that you learned the code incorrectly. Here is your chance to break those bad habits of counting dits and dahs and going through a mental translate table. Relearn the alphabet, numerals, and the / and have fun at the same time. BUT, you need to spend everyday using this program as long as your nerves will tolerate it. Take breaks. Remember some contest operators can do this for 20+ hours on end.

Afterwards you'll be copying Morse from fans and road noise. : -) ; -)

FYI

--

Chuck Adams K5FO adams@ticnet.com CP-60  
<http://www.qsl.net/k5fo>

-----  
Date: Mon, 3 May 1999 13:49:10 -0400  
From: "Perley Urquhart" <n1yuk@nemainc.com>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [39514] WBL paddles  
Message-ID: <000101be958d\$40af24e0\$264488d0@urquhart>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Can someone send me the website address for WBL paddles please? Thanks,  
Perley

-----  
Date: Mon, 3 May 1999 10:56:19 -0700

From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
To: <qrp-1@lehigh.edu>  
Subject: [39515] Plug In Coils for Regens  
Message-ID: <01be958e\$401ba200\$630a0d0a@doug.dpol.k12.ca.us>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Guys I have been looking at the Regen article that Paul did for QRPP, and in it he mentioned that you can use IC tubes for coil forms. I started to think about that and thought it would be neat to have a plug in coil form to change bands on the Regen. Here is what I came up with. Use a 2 - 16 pin machined IC sockets. Put one on the board as the base, the other use as the "plug" of the coil form. For the coil form, use 1/4" pvc pipe which I think has an outside diameter about 1/2" or so. Wind the coil on the form, then glue the form on the IC "plug" standing on its end using "super glue". Connect the wires from the coil using pins 1, 8, 9 & 16 to solder them in to. Any thoughts on this one? Any ideas for other things to use as a coil form? Inquiring minds want to know.

Obviously my purpose of this post is to get some input on my entry for the Regen Building contest at Dayton. Wow, entries by Dave Fifield, Jim Kortge, Bill Steitenroth (defending Regen Building Champion of Texas), Paul Harden, Chuck Adams, George Dobbs, Tony Fishpool, Graham Firth, (Bill Jones, KD7S is also sending in an entry), Mike Gipe. This alone ought to be worth the trip. See you at Hamcom.

72, Doug, KI6DS

-----  
Date: Mon, 3 May 1999 13:33:15 +0000  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: qrp-1@lehigh.edu  
Subject: [39516] 20W linear kit  
Message-ID: <199905031817.0AA08506@moose.ncia.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

Hi Gang,

I just ordered the parts for the SSB linear kits, getting 30 sets.  
Best I can figure I only need 22, so will have a few spares, just in

case. Looks like the parts should be here by the end of the week, so will be quick turn around on this one. No pcb to order, that's a big help :-)

Got the schematic and mechanical layouts done, and most of the instructions written, so will be sending those out soon too.

This is got to be some kind of record. Thanks for the support!

BTW, got half a dozen Italians durring the 20M contest Saturday evening, every one I could hear reasonably well, with just a roof mounted dipole at 20 ft.. Usually first call. The linear must be working :-)

72,

Steve, KD1JV in the white Mountains of New Hampshire  
"melt solder"

-----  
Date: Mon, 03 May 1999 12:20:28 -0500  
From: Earl Murphy <earlmurf@telusplanet.net>  
To: qrp-canada@lists.gpfn.sk.ca  
Cc: qrp-l@lehigh.edu  
Subject: [39517] CANADIAN QRP SPRING BOUQUET --- FLOWER STATION SCHED (MAY 3rd-- MAY 9th)  
Message-ID: <372DDADC.1FA@telusplanet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Gangs:

Well, better get those Official Provincial Flowers this month, or wait till next season!!! Month of May, and that will be it for one season!

Look for the following FLOWER STATIONS this week:

May 05...VE1AHX(BEN)...NS...40M(7.040+-).....CW...00:00Z - 02:00Z  
May 05...VE5QRP(BRUCE).SK...40M(7.040-7.045).CW...01:00Z - 03:00Z  
May 06...VE1AHX(BEN)...NS...20M(14.060+-)....CW...23:00Z - 01:00Z  
May 08...VE5HQ(BILL)...SK...40M(7.040+-).....CW...01:00Z - 03:00Z  
May 08...VE5QRP(BRUCE).SK...20/15/10(QRP FREQ)SSB.19:00Z - 21:00Z

May the propagation Gods look favorably upon you, and the rest of us Flower Pickers...

Anyone looking for more info: <http://www.rac.ca/qrpcan.htm>

72...Have a pleasant week...Earl(VE6EWM) QRP-C#6 QRP-L#1076

-----  
Date: Mon, 3 May 1999 14:20:36 -0400  
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>  
To: <qrp-L@LeHigh.edu>  
Subject: [39518] Fw: PSK 31 Program THANK YOU ALL !!!  
Message-ID: <008401be9591\$a6c6de40\$04000a0a@inforhc>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Arnie Coro C02KK  
Host of Dxers Unlimited  
Radio Habana Cuba  
e-mail:arnie@radiohc.org  
e-mail:inforhc@mail.infocom.etecsa.cu  
Postal address:  
Prof. Arnaldo Coro Antich  
La Torre no.127 entre 35 y 37  
Nuevo Vedado, Plaza  
Ciudad Habana , 10600  
CUBA

-----Original Message-----

From: Prof.Arnaldo Coro Antich <inforhc@mail.infocom.etecsa.cu>  
To: qrp-L@ LeHigh.edu <qrp-L@ LeHigh.edu>  
Date: Monday, May 03, 1999 2:19 PM  
Subject: RE: PSK 31 Program THANK YOU ALL !!!

>I should had realized that the spirit prevalent in QRP-L is positive,  
>cooperative, and helpful...  
>Do you know what happened ?  
>Guess?  
>Well, I got not one BUT SEVERAL e-mail with attachments of the  
>PSK31...  
>You see amigos, my friends, mes amis... you all made my DAY !  
>It is not the fact that I could not get the PSK31 from the WWW, or  
>the difficulties involved with bandwidth.. it is the fact that there are  
>people so nice like you all , willing to help amateur radio to continue  
>developing around the world as a succesful, helpful and above all  
>a very human- people to people - hobby.  
>To you all A BIG  
>THANK YOU !

>Your friend in Havana  
>Arnie Coro C02KK  
>  
>P.S. Next time I will do it differently, asking first for an e-mail  
offering  
>to send the needed program or data !  
>Anyway, tonight after the CUBA-USA baseball game, I will start  
>studying the PSK31 Help Files and building the cables to the  
>HTX100, the only radio I have that I think will be stable - VFO -  
>to use PSK 31 !  
>  
>e-mail:arnie@radiohc.org  
>e-mail:inforhc@mail.infocom.etcusa.cu  
>Postal address:  
>Prof. Arnaldo Coro Antich  
>La Torre no.127 entre 35 y 37  
>Nuevo Vedado, Plaza  
>Ciudad Habana , 10600  
>CUBA  
>

-----  
Date: Mon, 3 May 1999 14:44:35 -0400  
From: "Perley Urquhart" <n1yuk@nemaine.com>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [39519] Sold  
Message-ID: <000101be9594\$feea02c0\$264488d0@urquhart>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

The HW-8 is gone. Thanks all! Perley

-----  
Date: Mon, 3 May 1999 20:43:54 +0200  
From: "Ronald H. Evans" <rhevan1@ibm.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [39520] What Commercial Rig has the lowest Receive current drain?  
Message-ID: <000001be9594\$e608fe00\$360c5c8b@deinet.rhevan1>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Gentlemen and Laura:

The recent review of the Kenwood TS-570 in QST listed the receive current drain at .8 amp. A review of the Icom 746 listed the receive drain at 2 amps. Does anyone know of a rig with lower current than the Kenwood? (Not the K2 please. I want to buy one also when I have the time to build it.)  
72, Ron, K4KTB, Hamburg, Germany.

-----  
Date: Mon, 3 May 1999 13:45:18 -0500  
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>  
To: <jeffj@scott.net>, "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>  
Subject: [39521] RE: 78L05 vs. 7805  
Message-ID: <000001be9595\$1a57a5d0\$d8016f81@muenzlerk.uthscsa.edu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

The 7805 has a slightly larger standby current consumption but other than that yes you may replace a 78L05 with a 7805.

Kevin, WB5RUE

> -----Original Message-----  
> From: owner-qrp-l@Lehigh.EDU  
> [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of  
> Jeff Johns  
> Sent: Monday, May 03, 1999 12:18 PM  
> To: Low Power Amateur Radio Discussion  
> Subject: 78L05 vs. 7805  
>  
>  
> Can a 78L05 voltage regulator be replaced with a 7805 voltage  
> regulator? Is  
> the only difference the case size and style?  
>  
> 73 Jeff  
>  
> *----- Jeff Johns W4JEF - AMSAT# 32615 - QRP-L# 1857  
> -----*

> |jeffj@scott.net w4jef@amsat.org | Reserve Patrol  
> Captain |  
> | Satellite: Mir R0MIR-1, A0-27 | Jefferson County  
> Sheriff's Dept|  
> |200LX+BayPac+FT50=Portable Packet| QTH Birmingham,  
> AL USA |  
>  
> *-----*  
>  
> Goin' Postal - HP 100/200LX (v3.05beta) REGISTERED  
>

-----  
Date: Mon, 3 May 1999 11:54:16 -0700  
From: "Michael A. Gipe" <mgipe@reliablemeters.com>  
To: <na5n@rt66.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [39522] Re: Regen Update #311  
Message-ID: <184d01be9596\$5a7d59b0\$140a0a0a@double_trouble.reliablemeters.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
 charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Paul Harden wrote lots of good stuff about his regen circuits, then  
added:  
>Sorry, no TiCK keyer or AFA annunciator available for it though :-)

Paul et al --

You can, however, add a Digital Clock Counter (DCC kit) to your regen.  
It will directly read some of the stronger signals, and for the weaker  
sigs, just kick up the regen control momentarily to check the  
frequency!

Mike K1MG

-----  
Date: Mon, 3 May 1999 14:52:34 -0400  
From: "Bruce J. Howes KG2IC" <bhowes@buffnet.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [39523] Thoughts on SGC 2020?

Message-ID: <00d101be9596\$1ecf7ce0\$33bf1cd0@buffnet.net>

Wondering if anyone on the list has any experience with the SGC 2020.

Current draw, CW operation, and QRP issues.

It seems to be a reasonably priced rig in a nice rugged but small package

73,

Bruce KG2IC

*****

*****

Bruce J. Howes KG2IC  
East Amherst, NY 14051  
FISTS #4164

email: kg2ic@arrl.net  
web: www.buffnet.net/~bhowes  
ARMY MARS AAR2AJ

*****

*****

-----

Date: Mon, 3 May 1999 12:13:18 -0700

From: "Radman" <radman@best.com>

To: <rhevan1@ibm.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [39524] Re: What Commercial Rig has the lowest Receive current drain?

Message-ID: <199905031912.MAA12516@proxy4.ba.best.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Ron,

Other possibilities include:

TenTec Scout at 600 mA receive current.

SGC/SG-2020 at < 400mA receive current.

The K2 will go as low as 100 mA :-)

GL es let us know if there are others,

Conrad -- NN6CW

*****

///snip///



Does anyone know of a rig with lower current than the Kenwood? (= 0.8A)

72, Ron, K4KTB, Hamburg, Germany.

-----  
Date: Mon, 3 May 1999 12:29:38 -0700  
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
To: <qrp-1@lehigh.edu>  
Subject: [39525] KI6DS NorCal Meeting report  
Message-ID: <01be959b\$49454ae0\$630a0d0a@doug.dpol.k12.ca.us>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Saturday evening I called Jim Cates on the phone and asked if there was anything that I needed to bring for him to the meeting. There was something that someone had asked me to bring and for the life of me I couldn't think who it was. Jim said he couldn't think of a thing. Darn it, I was hoping Jim would solve my problem. Jim did say that the swap at Livermore the next day would be huge as the weather in California was perfect Saturday, and that always brings out the crowd. Jim also said that we could expect a huge crowd at the meeting.

Sunday morning, I leave the hours at 6:30 AM, it is partly cloudy, and there are heavy clouds over the Coastal range to the west. Uh oh, that is a bad sign. I tune in a San Francisco radio station and they report rain, heavy rain. OH NOT AGAIN. Yes you guessed it. When I got to the Livermore swap meet turn off an hour and a half later, it was a steady rain. I just kept on going and went to the California Burger. The owner showed up about 9:30 and let us in the door. You will not believe the first person I saw come in. Bill Kelsey, the guy who runs Kanga US. What a neat surprise. Bill was out on business and worked it so he could attend the meeting. Great to have him here, and we spent a couple of hours talking about QRP, kits, future projects, etc.

I took NorCal resistor kits for the guys that don't have the internet and 8 of them were snapped up. Still have them left by the way. But the highlight of the day was the beta test board of Dave Benson's new DSW, which is a digital version of the SW+ transceiver featuring a DDS VFO, keyer, and audio frequency annunciator. The board is the same size as the SW+ and Doug Hauff is working on custom case for it. One of the other beta builders has

his up and running. I will get mine going tonight. I did not have time to smoke test it before the meeting, but did take the populated board and the manual with me. If you want to see it take a look at [www.smallwonderlabs.com](http://www.smallwonderlabs.com) and click on the DSW button. Guys, this is gonna be a winner. Think of it, Digital VFO, keyer, AFA, 2 watts out, and the price?? somewhere around \$90 for the board kit. I can't wait to finish mine up.

Dave Fifield was there and was deluged with questions about Red Hot Radio. Guys kept him busy the whole time, congratulating him on his NC20 design, getting help and tips and just asking questions. Dave also has a web page at [www.redhotradio.com](http://www.redhotradio.com) and the word is that he is very, very close to shipping kits.

Mike Gipe, Dave and I confired about a future NorCal kit, no details yet, but we did have to firm up some details. I also asked Mike and Dave if they were going to Hamcom and both said that they want very mucy to go. Dave will have a Red Hot Radio booth and will have kits there to sell if he can make it. He says that he is 95% sure that he will be there.

Talked to several guys that I worked in QRP to the Field. Next year, Paul is coming to Dos Palos, and we are going to set up on the beach about 100 miles west of me. It will be a lot easier to do. They all got a kick out of working Paul, then Jan, then me as we passed around the paddles. It took a couple of them by surprise, but they said that it was worth a laugh. And they said it was nice to make 3 contacts with a double state border!!

Jerry Parker was there and he has a new item for that NorCal members will be interested in. I'll let Jerry tell you the details, but it looks pretty neat, and is useful.

Yoshi Takahashi showed me his two Pixie rigs, and one of them is built inside of one of those little key chain video games, including the battery. He has worked 20 countries with his Pixie, and he told me his best achievement as a ham was working Japan with 20 milliwatts and a Pixie!!!

Dave Meacham came up to me and said, "Doug did you bring the crystal for the NC20 kit? Oh no, Dave was the guy that I promised the part too!!! My face is red, I apologise, and tonight will mail Dave his part."

Then Norm Melick and Veda Henson stop by and say hello and they tell me that they will be in Dallas for Hamcom again. Veda asks if she can have a lower badge number than Norm, as he always gets the lower numbers. I promise her that I will take care of it. Norm protests, but I explain that Veda is much prettier than he is, and I have a soft spot for pretty ladies. Too bad Norm.

Sam Imai was up from L.A. and he brought his lovely wife with him. What a

pleasure to meet such a nice, nice lady. Thanks Sam for bringing your wife with you.

Too soon the guys start to leave, and it is 2:00. Jim Cates and Vern take off, and pretty soon Bill Kelsey, Mike Gipe, Kit Blanke and I are the only ones left. We talk for another hour and a half, and finally we leave at 3:30, the last ones to leave. Another great NorCal meeting. I take off and arrive home at 5:45 where JoAnne greets me with, "Hey did you have fun? I think I want Mexican food for dinner tonight. Will you go get it for me?"

Since I know my wife very well after 28 years of marriage, I immediately agree and even offer to buy!!! What a guy, what a day. If you are ever in the bay area on the first Sunday of the month, we would love to have you attend a NorCal meeting. Special thanks to Bill Kelsey, N8ET for being there. It was great to see Bill again. 72, Doug, KI6DS

-----  
Date: Tue, 04 May 1999 04:31:03 +0900  
From: jn2amr@a1.mbn.or.jp  
To: qrp-l@Lehigh.EDU  
Subject: [39526] Re WBL paddles  
Message-ID: <19990504043187jn2amr@a1.mbn.or.jp>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

"Perley Urquhart" wrote

>Can someone send me the website address for WBL paddles please? Thanks,  
>Perley

I don't know websiteaddress of WBL. I knew WBLDesign Paddles with K5F0's Home Page. (<http://www.qsl.net/k5fo/>)

I saw description here, and sent the 'snail' mail.  
It was mailed on April 7. There is no reply by May 3.

I' m sorry not to be useful for you.

-----  
Yasuo Itoh (Nagoya,Japan)  
Call: JN2AMR  
QRP-L: #991

jn2amr@a1.mbn.or.jp

-----  
-----  
Date: Mon, 3 May 1999 13:53:18 -0700 (PDT)  
From: Theodore Wong <wong_th@eng.printronix.com>  
To: qrp-1@lehigh.edu  
Subject: [39527] NC-20 Transmit Offset  
Message-ID: <199905032053.NAA15196@taz.printronix.com>

Hello All,

After making the AGC mod described on AD6A's website, I can no longer hear my transmit signal, which was to be expected. So I decided to use a frequency counter to measure the frequency at the output. Now the question, should the offset be +700 Hz or -700 Hz of the receive frequency? If it should be +700, no wonder nobody heard me on QRPTTF. :-)

Regards,

Tedd AB6C0

-----  
Date: Mon, 3 May 1999 17:12:08 EDT  
From: HWRM1SS@aol.com  
To: njqrp@njqrp.org, qrp-1@lehigh.edu  
Subject: [39528] Re: What Commercial Rig has the lowest Receive current drain?  
Message-ID: <7a33152f.245f6b28@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Receiver drain on SG-2020 is more like 500 to 600 mA on receive. I have one... also check the QST review (October 1998) of the SG-2020. They report 550 mA on receive and 4.7 Amps on transmit.

-----  
Date: Mon, 3 May 1999 23:38:19 +0200  
From: "Hans =?ISO-8859-1?Q?Sundstr=F6m"?= <hans.sundstrom@telia.com>  
To: <rhevan1@ibm.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [39529] SV: What Commercial Rig has the lowest Receive current drain?  
Message-ID: <199905032138.XAA04966@dl1o22.telia.com>

Have just connected my DMM to my SG 2020.  
The receive current drain is approx 400 mA with the display light off and  
450 mA with the light on.

73 / Hans / SM4ATJ

-----Ursprungligt meddelande-----

Fr n: Ronald H. Evans <rhevan1@ibm.net>

Till: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Datum: den 3 maj 1999 20:46

mne: What Commercial Rig has the lowest Receive current drain?

>Gentlemen and Laura:

>The recent review of the Kenwood TS-570 in QST listed the receive current  
>drain at .8 amp. A review of the Icom 746 listed the receive drain at 2  
>amps. Does anyone know of a rig with lower current than the Kenwood? (Not  
>the K2 please. I want to buy one also when I have the time to build it.)  
>72, Ron, K4KTB, Hamburg, Germany.

>

>

>

-----  
Date: Mon, 3 May 1999 16:11:13 -0600

From: Brad Mugleston <bmug@gwl.com>

To: "'qrp-1'" <qrp-1@lehigh.edu>

Subject: [39530] LINUX

Message-ID: <01BE957F.936E09C0.bmug@gwl.com>

Sorry about the band width but I need to exchange some emails with someone that  
understands LINUX and Netscape and how to get them to work together.

Thanks

de KI00T, Brad

-----  
Date: Mon, 3 May 1999 18:23:05 EDT

From: J38AL@aol.com

To: qrp-1@lehigh.edu

Cc: w6toy@erols.com

Subject: [39531] Re: Cherynobl VIRus Hits! - New Problem

Message-ID: <2cd2822.245f7bc9@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

In a message dated 5/3/99 9:20:54 AM Eastern Daylight Time, w6toy@erols.com writes:

<< Al,

I can't help with your problem, I'm sorry, but it might help the rest of us if you told us how you were infected? Did you download something? Did you open something? Was the virus received working from your ISP?

Thanks and good luck with the rebuild.

73  
>>

Bruce and others,

I wish I could tell you where and how I got it - but I have no idea. I have been told that I could have picked it up weeks or even months ago and it just hid somewhere waiting for April 26 to do its thing, and boy did it do it. I now know that my motherboard has "Flash BIOS" (Thanks Steve for the download) and I'm not sure if I like that. Seems to be an easy target and with my limited computer smarts a tougher problem to solve.

I would like to thank all of you for help and information. The list is getting too long to thank everyone individually. I do hope I can get things going again or there will be a much bigger hole in my pocket when I give up and just buy a new tower. I hate to do that as this one isn't quite two years old, but I have a short fuse. For those interested it has a ASUS TX97-E motherboard, AMD K6 166 CPU, 32 meg RAM, and 3.2 gig WD hard drive, 512 kb Cache, plus the usual other stuff.

Again I am sorry for taking up the bandwidth with non QRP posts but this such a great group of people with more than just radio know-how and I don't know of a better place to go for help.

Thanks very much,

72 Al N2ZHS  
Scotia, NY

-----

Date: Mon, 3 May 1999 18:30:50 EDT  
From: KB9OCE@aol.com  
To: cw@qth.net, qrp-1@lehigh.edu  
Cc: W9NNK@niiia.net (Dave Caywood), kb9olz@megsinet.net (Gary),  
kb9rvw@netnitco.net, breid@adsnet.com (KA9ONS BILL), wa9tsq@hotmail.com (BERNIE),  
PWMidi@juno.com, kbabich@nicinc.net, dlcqrp@niiia.net  
Subject: [39532] Cheap Mobile HT Holder  
Message-ID: <2c805ac6.245f7d9a@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I just picked this up and had to tell you all about it. I bought it at AutoZone. It's made by Rubber Queen (No.5144) and cost was \$3.99 plus tax. It's made for Cellular Phones but from what I can see will fit almost any HT out there! It's easily adjustable, and fits my little Alinco, as well as my big 'ol Kenwood with a quick, easy, no-tools adjustment. Usual disclaimers apply.

73  
Mike Truax, kb9oce

-----  
Date: 3 May 99 18:36:56 EDT  
From: Roy Lincoln <wa4dou@usa.net>  
To: kb9lgj@leogate.kf9ug.ampr.org, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [39533] Re: [Antenna rotator]  
Message-ID: <19990503223656.27073.qmail@nw178.netaddress.usa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: quoted-printable  
Content-Transfer-Encoding: quoted-printable

Tim and Aretta Gordish <kb9lgj@leogate.kf9ug.ampr.org> wrote:  
Picked up an Alliance antenna rotator today.....

Hi Tim,  
I have 2 perfectly good control boxes but someone made away with my rotators! Make me an offer! :o) 73 Roy WA4DOU

-----  
Get free e-mail and a permanent address at <http://www.netaddress.com/?N=3D=1>  
1  
-----

Date: Mon, 03 May 1999 17:56:05 -0500  
From: mjfitz@uswest.net  
To: qrp-l posts <qrp-l@Lehigh.EDU>  
Subject: [39534] 10M SST-ALIVE!  
Message-ID: <372E2984.6C07CED7@pop.omah.uswest.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Kids-

Just finished building a 10 M SST this weekend. It seems to work, that is, it puts out about 1.5 W on 12.5 V with a good lookin' wave on the scope, and the few signals I can hear on 10 M on the TT Delta II are "hearable" on the SST. I must confess however, I have not made a single contact with it yet--the band has not been up enough yet for me to try...

A few of the gory details:

Standard circuit, but used a 16 MHz xtal(Digi-Key X143-ND) and a frequency doubler (Solid State Design, pg. 44, fig. 24) right out of a cookbook. Matched the diodes with an ordinary DVM. The doubler output looks real clean on the scope also--that's why I proceeded with building the radio...there are about ten parts to this doubler and the text claims the fundamental is 60 dB down with matched diodes...

Used a bit more of a half-wave output filter (W1FB's Design Notebook, pg. 103, fig. 4-9, 10 M. componenets).

Did the usual power mods. Build the rig by pad and glue method. See the IOWA QRP newsletter, spring 99 issue for my 15 M. Pad and Glue SST "how-to" article available on-line from the club site (below).

Anyone else want to try this and feel they need more details--'mail me directly.

IA QRP club site:

<http://www1.iastate.edu/~drcase/iowaqrp.html#NEWSLETTER>

The newsletter IS 5 MB (Word 97) and I understand efforts are currently underway to format it a bit differently, but it is still an excellent job by John Burney, NU0V, and contains several interesting articles besides my stuff...

Just waitin' for ten to open...



Mike KI0AF (of Mad Mike's Basement RF Labs...)  
Mo. Valley IA

-----  
End of QRP-L Digest 1446  
*****  
-----